

Appl. No. 10/780,380
Reply to Office Action of June 21, 2005
Docket: CL2207USNA1

—REPLACEMENT SHEET—

1. An article made from a polyureaurethane aqueous dispersion and wherein the polyureaurethane comprises a THF copolymer soft segment comprising 25 to 60 percent by weight of ethylene glycol as a comonomer and an aromatic diisocyanate.

2. The article of claim 1, wherein said article is selected from the group consisting of gloves, finger cots and condoms.

3. The article of claim 1, having a tensile strength of greater than 2030 psi.

4. The article of claim 1, having a puncture strength of at least 200 lb/in.

5. The article of claim 1, having a tear strength per thickness of material of at least 20 Newtons/mm.

6. The article of claim 1, having an improved resistance to solvent attack.

7. A process for producing the article of claim 1, comprising the steps:
a) dipping a mold into a coagulant solution and drying at an elevated temperature;
b) dipping the coagulant solution-coated mold into an aqueous polyureaurethane dispersion and drying;
c) subjecting the coated mold to a salt leaching bath; and
drying the coated mold at elevated temperature before stripping the article off of said mold.